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Title: JP59022653A2: CONTINUOUS REACTOR

Derwent Title: Heavy oil thermal-reforming reactor - includes two shafts having propulsive blades, and mixing and partition belts Derwent Record

Country: JP Japan
Kind: A (See also: JP02051668B4)

Inventor: KAWAMATA NAOYUKI;
WATAHASHI TADAAKI;
TSUJI HIROSHI;
KATAOKA SHIGENORI;
MIYAGAWA TSUGIO;
ISOZAKI HIDEO;

Assignee: RES ASSOC RESIDUAL OIL PROCESS<RAROP>
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Published / Filed: 1984-02-04 / 1982-07-28

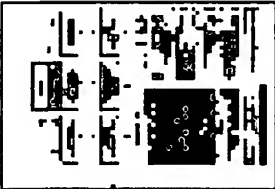
Application Number: JP1982000131696

IPC Code: B01J 19/00; B01J 19/24;

Priority Number: 1982-07-28 JP1982000131696

Abstract:

PURPOSE: To approach the flow of a reactant fluid to the piston flow of a pipe reactor, and to accelerate uniform mixing, by alternately combining both of propelling vanes and reversely propelling vanes so as to locate each propelling vane on one main axis and each reversely propelling vane on the other main axis.
CONSTITUTION: The rotary vanes consist of propelling ones 14 and reversely propelling ones 15, the former advance the fluid and



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the latter move it backward. A mixing zone combines both vanes 14, 15 alternately with each other to give the fluid 3 dimensional movements of foreward, backward, and rotational ones accompanied by the rotations of both axes reverse to each other. Both rotational vanes 3, 4 are arranged so as not to bring each into contact with other during rotations of both axes.

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Family:

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<input checked="" type="checkbox"/>	JP59022653A2	1984-02-04	1982-07-28	CONTINUOUS REACTOR
<input checked="" type="checkbox"/>	JP02051668B4	1990-11-08	1982-07-28	RENZOKUSHIKIHANNOSOCHI

2 family members shown above

Other Abstract
Info:

None



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